

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): A thin film transistor array substrate comprising:
an insulating substrate;
a first metallic pattern formed on said insulating substrate;
an insulating film provided on said first metallic pattern;
a semiconductor pattern provided on said insulating film; and
a second metallic pattern provided on said semiconductor pattern[[]],
wherein said second metallic pattern is surrounded by said semiconductor pattern; and
wherein both outer edges of a part of said semiconductor pattern surrounding a that exists only on the first metallic pattern at a source electrode part in a pixel region also surrounds the source electrode exists only on said first metallic pattern at a source electrode part in a pixel region.

Claim 2 (Canceled).

Claim 3 (Currently Amended): A thin film transistor array substrate comprising:
an insulating substrate;
a gate line formed on said insulating substrate;
a gate insulating film provided on said gate line;
a semiconductor layer provided on said gate insulating film;
a source line, a source electrode and a drain electrode provided on said semiconductor layer; and

a pixel electrode formed on said drain electrode[[]],

wherein said source line, said source electrode and said drain electrode are surrounded by said semiconductor layer;

wherein said pixel electrode is directly in contact with at least a portion of said drain electrode; and

wherein both outer edges of a part of said semiconductor layer ~~surrounding that exists only on the gate line at a source electrode part in a pixel region also surrounds~~ said source electrode ~~exists only on said gate line at a source electrode part in a pixel region.~~

Claim 4 (Currently Amended): A thin film transistor array substrate comprising:

an insulating substrate;

a gate line formed on said insulating substrate;

a gate insulating film provided on said gate line;

a semiconductor layer provided on said gate insulating film;

a source line, a source electrode and a drain electrode provided on said semiconductor layer;

an inter-layer insulating film formed on said source line, said source electrode and said drain electrode; and

a pixel electrode formed on said inter-layer insulating film[[]],

wherein said source line, said source electrode and said drain electrode are surrounded by said semiconductor layer;

wherein said inter-layer insulating film is provided with a first contact hole, a second contact hole and a third contact hole, said first contact hole penetrating said inter-layer insulating film to reach said drain electrode, said second contact hole extending to said source

line through said inter-layer insulating film, said third contact hole extending to said gate line through said gate insulating film and said inter-layer insulating film;

wherein said first contact hole, said second contact hole and said third contact hole are covered with a pattern made of a material of said pixel electrode; and

wherein both outer edges of a part of said semiconductor layer ~~surrounding~~ that exists only on the gate line at a source electrode part in a pixel region also surrounds said source electrode ~~exists only on said gate line at a source electrode part in a pixel region.~~

Claims 5-28 (Canceled).

IN THE DRAWINGS

The attached sheets of drawings include changes to Figures 57, 58, 59(a)-(c), and 60(a)-(c). These sheets, which include Figures 57, 58, 59(a)-(c), and 60(a)-(c), replace the original sheets including Figures 57, 58, 59(a)-(c), and 60(a)-(c).

Attachment: Replacement Sheets